

WAVE SHOCK ABSORBER SYSTEM

Abstract of the Disclosure

This invention relates to methods for absorbing
5 impacting shock loads from waves on marine hulls by using a
diffuser to provide a reduced impact zone forward of the
hull and to divide the wave and cause the non-compressible
liquid of the wave to mix with air in the diffuser channels
to form a compressible fluid to further absorb impacting
10 shock loads. This system was invented to provide for wave
shock absorption of wide bow flat-bottomed marine hulls.
These hulls being more buoyant and stable, provided more
usable space, while possessing very efficient planing hulls
that are easier to manufacture than three dimensional
15 pointed bow hulls.